

## **Registration & Logistics Information**

### **INTERAGENCY ADVANCED POWER GROUP (IAPG)**

### **MECHANICAL WORKING GROUP and ELECTRICAL SYSTEMS WORKING GROUP MEETINGS**

**at the**

#### **Philadelphia Naval Business Center**

**Building 77L, 1000 Kitty Hawk Avenue, Philadelphia, PA 19112**

**May 4-8, 2009**

**Important due dates: By 2/19/09: Abstracts**

**Before 4/24/09: Meeting Registration, Hotel Block Reservations, Attendee Letter to  
PNBC Security Office, Presentations**

This announcement for the IAPG Mechanical Working Group (MWG) and Electrical Systems Working Group (ESWG) meetings at the Philadelphia Naval Business Center (PNBC)(brochure attached) provides registration, logistics, and other information for meeting attendees. We encourage you to add these meetings to your travel plans in May and to share this announcement with your colleagues and managers.

#### **New This Year**

We have added two special activities to this year's schedule on Wednesday afternoon, May 6th, which we believe will be of extreme interest to the members of both working groups:

1) **Special Combined Working Session: *Knowledge Gaps at the Mechanical/Electrical Interface in Emerging Technologies***. The IAPG leaders anticipate this to be a combined MWG and ESWG working session to discuss the challenges and identify the technology gaps at the interface between mechanical and electrical systems that IAPG Working Group members are facing every day. The working session would include a panel of expert speakers, general discussion, and development of a document outlining the discussion outcome which may be shared among member agencies. Possible topics may include:

- \*Hybrid Electric Vehicles (automobiles)
- \*Hybrid Combat Vehicles (tanks, etc.)
- \*High Power Motors (ship propulsion; large CO2 compressors)

- \*Genset Hybridization
- \*Aircraft Electric Power Generation
- \*Others, tbd

**2) Tours of Philadelphia Naval Business Center.** The local PNBC staff are offering tours of some PNBC facilities related to the interests of members of the MWG and the ESWG. The tours of the PNBC facilities are unavailable for non-U.S. citizens.

### **Overall Schedule for Week of May 4-8**

While the agendas are still being developed, the overall schedule for the week of meetings is:

**Monday, May 4th:** Mechanical WG Government-Only session, beginning at 10:00 am

**Tuesday, May 5th:** Mechanical WG Open Technical sessions including historical presentation from the PNBC and update of the Energy and Power Technology Initiative's (EPTI) activities

**Wednesday, May 6th:** Mechanical WG continues Open Technical session in am; in pm, tours of PNBC and the combined Mechanical WG/Electrical Systems WG working session. The Group Dinner this year will be at Popi's Italian Restaurant in South Philadelphia

**Thursday, May 7th:** Electrical Systems WG session opens including presentation by Lynn J. Petersen, CAPT USN and Deputy Director, Electric Ships Office, and update of the Energy and Power Technology Initiative's (EPTI) activities

**Friday, May 8th:** Electrical Systems WG session continues with government-only discussions until approximately 1:00 pm.

Samples of abstracts for this year's MWG presentations are attached to this announcement. A draft agenda will be emailed in mid April.

### **Meeting Registration**

Members of both IAPG Working Groups are invited to attend either/both/all meeting sessions except that Government-only sessions are restricted to Federal Government employees, government contractors (GOCOs), and FFRDC Labs employees. Non-U.S. citizens will be unable to participate in the tours scheduled for Wednesday, May 6th. This year there is a **two-step process for meeting registration:**

**1) IAPG Meeting Registration:** All meeting participants (including speakers) are asked to register with the IAPG by emailing a completed registration form (attached) to [barbara.j.coles@nasa.gov](mailto:barbara.j.coles@nasa.gov) before April 24, 2009. Registrations may also be faxed to 216-433-6133. No day-of-meeting registrations will be permitted. There is no registration fee; however, monies will be collected at on-site meeting registration for food and beverage as described below under "Food Accommodations."

**2) PNBC Security Office Registration:** All meeting participants must fax to the PNBC Security Office (at 216-897-8972) a letter on company letterhead and signed by manager/supervisor with the content shown in the attachment. These letters must be faxed to the Security Office at PNBC before April 24th to allow for internal processing. Government persons who have access to JPAS should register their visit through that system before April 24th. The SMO Code is 65540. Non-U.S. citizens will need to go through their respective embassies and, therefore, need to allow ample time for processing.

### **Meeting Location/Entrance Requirements**

All meeting sessions will be held at the Philadelphia Naval Business Center, 1000 Kitty Hawk Avenue, Philadelphia, PA 19112, in Building 77L, Melville Room (brochure attached includes map). Parking near Building 77L is indicated on the map. Attendees will need to pre-register (see "IAPG Meeting Registration" above) and to provide a government photo ID upon arrival at building's entrance. The PNBC is easily accessible from I-95 south and east of the Philadelphia city center and is very near the Philadelphia airport.

### **Hotel Accommodations**

A room block at the government rate of \$155 plus 15.2% taxes, currently, and including breakfast buffet, has been arranged at:

Embassy Suites Philadelphia Airport  
Ashford TRS Nickel, LP  
9000 Bartram Avenue, Philadelphia, PA 19153  
Tel: 215-365-4500: Fax: 215-365-4803

Group Name is: **IAPG**

Group Code is: **IAP**

Group web page address is:

<http://embassysuites.hilton.com/en/es/groups/personalized/PHLAPES-IAP-20090503/index.jhtml>

To make reservations, attendees may telephone to hotel direct at 215-365-4500 or to Embassy Reservations at 800-EMBASSY (362-2779) or go on-line at above web page address. You will find links for map/driving directions and other hotel information at [embassysuites.com](http://embassysuites.com) by searching for the Embassy Suites hotel near Philadelphia Airport. A credit card number or one (1) night's advance deposit will be required to secure a room in this block. Cancellations must be received 24 hours prior to arrival or one (1) night's room and tax will be assessed. Room block will be held available until April 24, 2009, after which unreserved rooms in block will be released back to the hotel's system.

Other area hotels include:

## **Area Lodging\***

Courtyard by Marriott  
21 Juniper St.  
(215) 496-3200

Loews Philadelphia  
1200 Market St,  
(215) 627-1200

Hilton Garden Inn  
1100 Arch St.  
(215) 923-0100

Radisson Plaza Warwick  
1701 Locust St.  
(215) 735-6000

Westin Philadelphia  
99 S. 17th St.  
(215) 563-1600

Ritz-Carlton  
10 Avenue of the Arts  
(215) 523-8000

Airport Marriott  
8950 Essington Ave.  
(215) 492-9000

Residence Inn  
4360 Island Ave.  
(215) 492-1797

\*This list is for informational purposes only. It is not intended to be a complete list, nor an endorsement of these resources.

## **Food Accommodations**

The working lunch for the MWG Government-Only session on Monday, May 4th, will be available by reservation only (as noted on the IAPG meeting registration form). We expect that boxed lunches will cost \$11 (to be collected at on-site registration) and will include your choice of a sandwich, a cookie, chips and a beverage. Sandwich selections include:

- ☐ Baked Ham hoagie with Swiss cheese
- ☐ Roast Beef with provolone cheese
- ☐ Grilled Eggplant, zucchini, red peppers and Portobello mushrooms with fresh Mozzarella and fresh basil pesto
- ☐ Roasted Turkey breast avocado, alpha sprouts, bacon, roasted red pepper mayo
- ☐ Tuna salad lettuce, tomato, avocado, alpha sprouts wrap
- ☐ Chicken salad wrap

Daily lunches are available at three PNBC locations and include sit-down, take-out, and cafeteria style options. Sample menus and directions to each will be available daily at the on-site registration table. Daily break refreshments will also be available. Because of the high cost of food, if your plans change from your original registration, you must notify Barbara Coles by April 24, 2009.

In addition, our local hosts invite attendees to join in the Group Dinner on Wednesday, May 6th at 6:30 pm at Popi's Italian Restaurant in South Philadelphia. Please RSVP your intent to attend the group dinner when you register for the meeting before April 24, 2009.

### **Speakers Information**

Is available from any MWG-ESWG Leader or from Barbara Coles @ [barbara.j.coles@nasa.gov](mailto:barbara.j.coles@nasa.gov) or on the IAPG web site: <http://space-power.grc.nasa.gov/iapg/>.

### **Mechanical Working Group Contacts**

If you have questions concerning the MWG sessions, please contact the Mechanical WG leaders below:

**Diane Hooie**  
MWG Chair  
DOE National Energy Tech Lab  
304-285-4524  
[diane.hooie@netl.doe.gov](mailto:diane.hooie@netl.doe.gov)

**Jeff Schreiber**  
MWG Vice Chair  
NASA Glenn  
216-433-6144  
[jeffrey.g.schreiber@nasa.gov](mailto:jeffrey.g.schreiber@nasa.gov)

#### **Aerospace Power Panel**

**Jim Tschantz, Chair**  
Air Force Research Lab, WPAFB  
[james.tschantz@wpafb.af.mil](mailto:james.tschantz@wpafb.af.mil)

**Steve Geng, Vice Chair**  
NASA Glenn  
[steven.m.geng@nasa.gov](mailto:steven.m.geng@nasa.gov)

#### **Terrestrial Power Systems Panel**

**Scott Coombe, Chair**  
ONR  
[Harold.coombe@navy.mil](mailto:Harold.coombe@navy.mil)

**Vice Chair (vacant)**

#### **Thermal Management Panel**

**Jeff Didion, Chair**  
NASA Goddard  
[jeffrey.r.didion.1@gsfc.nasa.gov](mailto:jeffrey.r.didion.1@gsfc.nasa.gov)

**Matt Frank, Vice Chair/Local Host**  
NSWC-Carderock, Philadelphia  
[matthew.frank@navy.mil](mailto:matthew.frank@navy.mil)

### **Electrical Systems Working Group Contact**

If you have questions about the Electrical Systems Working Group sessions, please contact:

**Allen Hefner, Chair**  
**NIST**  
[hefnef@nist.gov](mailto:hefnef@nist.gov)

Questions concerning meeting registrations, logistics, and travel arrangements may be directed to [barbara.j.coles@nasa.gov](mailto:barbara.j.coles@nasa.gov).

Again this year, we are expecting an exceptional mix of people and presentations, interesting tours of the Philadelphia Naval Business Center facilities, and we look forward to seeing you in May in Philadelphia.

Barbara

**Barbara Coles**  
**IAPG Support Specialist**  
**SGT, Inc., @ NASA Glenn Research Center**  
**482 Ponderosa Lane, Allenspark, CO, 80510**  
**Tel: 303-747-9173; Fax: 216-433-6133**  
[barbara.j.coles@nasa.gov](mailto:barbara.j.coles@nasa.gov)  
<http://space-power.grc.nasa.gov/iapg/>

***Celebrating 50 years of IAPG service and collaboration -- 1958-2008***